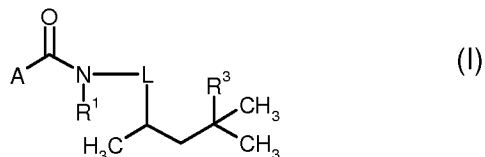


## AMENDMENTS TO THE CLAIMS:

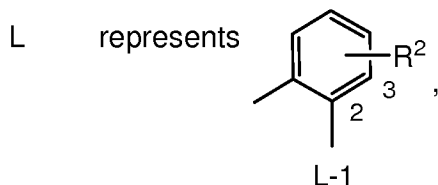
The following listing of claims will replace all prior versions and listings of claims in the application.

Claims 1-19 (canceled)

Claim 20 (currently amended): A hexylcarboxanilide of formula (I)



in which



R<sup>1</sup> represents hydrogen, C<sub>1</sub>-C<sub>8</sub>-alkyl, C<sub>4</sub>-C<sub>6</sub>-alkylsulphinyl, C<sub>4</sub>-C<sub>6</sub>-alkylsulphonyl, C<sub>4</sub>-C<sub>4</sub>-alkoxy-C<sub>4</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-cycloalkyl; represents C<sub>1</sub>-C<sub>6</sub>-haloalkyl, C<sub>4</sub>-C<sub>4</sub>-haloalkylthio, C<sub>4</sub>-C<sub>4</sub>-haloalkylsulphinyl, C<sub>4</sub>-C<sub>4</sub>-haloalkylsulphonyl, halo-C<sub>4</sub>-C<sub>4</sub>-alkoxy-C<sub>4</sub>-C<sub>4</sub>-alkyl, or C<sub>3</sub>-C<sub>8</sub>-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; represents formyl, formyl-C<sub>4</sub>-C<sub>3</sub>-alkyl, (C<sub>4</sub>-C<sub>3</sub>-alkyl)carbonyl-C<sub>4</sub>-C<sub>3</sub>-alkyl, or (C<sub>4</sub>-C<sub>3</sub>-alkoxy)carbonyl-C<sub>4</sub>-C<sub>3</sub>-alkyl; represents halo-(C<sub>4</sub>-C<sub>3</sub>-alkyl)carbonyl-C<sub>4</sub>-C<sub>3</sub>-alkyl, halo-(C<sub>4</sub>-C<sub>3</sub>-alkoxy)carbonyl-C<sub>4</sub>-C<sub>3</sub>-alkyl having in each case 1 to 13 fluorine, chlorine, and/or bromine atoms; represents (C<sub>4</sub>-C<sub>8</sub>-alkyl)carbonyl, (C<sub>4</sub>-C<sub>8</sub>-alkoxy)carbonyl, (C<sub>4</sub>-C<sub>4</sub>-alkoxy-C<sub>4</sub>-C<sub>4</sub>-alkyl)carbonyl, or (C<sub>3</sub>-C<sub>8</sub>-cycloalkyl)carbonyl; represents (C<sub>4</sub>-C<sub>6</sub>-haloalkyl)carbonyl, (C<sub>4</sub>-C<sub>6</sub>-haloalkoxy)carbonyl, (halo-C<sub>4</sub>-C<sub>4</sub>-alkoxy-C<sub>4</sub>-C<sub>4</sub>-alkyl)carbonyl, or (C<sub>3</sub>-C<sub>8</sub>-halocycloalkyl)carbonyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or represents C(=O)C(=O)R<sup>4</sup>, -CONR<sup>5</sup>R<sup>6</sup>, or -CH<sub>2</sub>NR<sup>7</sup>R<sup>8</sup>;

R<sup>2</sup> represents hydrogen, fluorine, chlorine, methyl, or trifluoromethyl,

R<sup>3</sup> represents halogen, C<sub>1</sub>-C<sub>8</sub>-alkyl [,], or C<sub>1</sub>-C<sub>8</sub>-haloalkyl, and

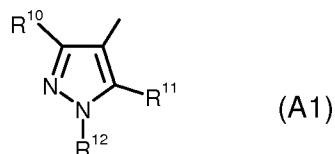
$R^4$  represents hydrogen,  $C_1$ - $C_8$ -alkyl,  $C_1$ - $C_8$ -alkoxy,  $C_1$ - $C_4$ -alkoxy- $C_1$ - $C_4$ -alkyl, or  $C_3$ - $C_8$ -cycloalkyl; or represents  $C_1$ - $C_6$ -haloalkyl,  $C_1$ - $C_6$ -haloalkoxy, halo- $C_1$ - $C_4$ -alkoxy- $C_1$ - $C_4$ -alkyl, or  $C_3$ - $C_8$ -halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms,

$R^5$  and  $R^6$  independently of one another each represent hydrogen,  $C_1$ - $C_8$ -alkyl,  $C_1$ - $C_4$ -alkoxy- $C_1$ - $C_4$ -alkyl, or  $C_3$ - $C_8$ -cycloalkyl; or represent  $C_1$ - $C_8$ -haloalkyl, halo- $C_1$ - $C_4$ -alkoxy- $C_1$ - $C_4$ -alkyl,  $C_3$ - $C_8$ -halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or  $R^5$  and  $R^6$  together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 to 8 ring atoms that is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and  $C_1$ - $C_4$ -alkyl, where the heterocycle optionally contains 1 or 2 further non-adjacent heteroatoms selected from the group consisting of oxygen, sulphur, and  $NR^9$ ;

$R^7$  and  $R^8$  independently of one another represent hydrogen,  $C_1$ - $C_8$ -alkyl, or  $C_3$ - $C_8$ -cycloalkyl; or represents  $C_1$ - $C_8$ -haloalkyl,  $C_3$ - $C_8$ -halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or  $R^7$  and  $R^8$  together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 to 8 ring atoms that is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and  $C_1$ - $C_4$ -alkyl, where the heterocycle optionally contains 1 or 2 further non-adjacent heteroatoms selected from the group consisting of oxygen, sulphur, and  $NR^9$ ;

$R^9$  represents hydrogen or  $C_1$ - $C_6$ -alkyl, and

A represents a radical of formula (A1)

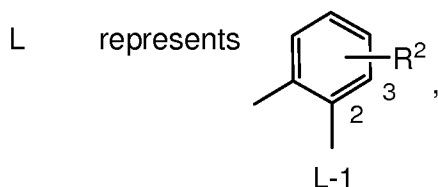


in which

$R^{10}$  represents hydrogen, hydroxyl, formyl, cyano, fluorine, chlorine, bromine, nitro,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy,  $C_1$ - $C_4$ -alkylthio, or  $C_3$ - $C_6$ -cycloalkyl; represents  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -haloalkoxy, or  $C_1$ - $C_4$ -haloalkylthio having in each case 1 to 5 halogen atoms; or represents aminocarbonyl or aminocarbonyl- $C_1$ - $C_4$ -alkyl,

- R<sup>11</sup> represents hydrogen, chlorine, bromine, iodine, cyano, C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy, or C<sub>1</sub>-C<sub>4</sub>-alkylthio; or represents C<sub>1</sub>-C<sub>4</sub>-haloalkyl or C<sub>1</sub>-C<sub>4</sub>-haloalkylthio having in each case 1 to 5 halogen atoms, and
- R<sup>12</sup> represents hydrogen, C<sub>1</sub>-C<sub>4</sub>-alkyl, hydroxy-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>3</sub>-C<sub>6</sub>-cycloalkyl, C<sub>1</sub>-C<sub>4</sub>-alkylthio-C<sub>1</sub>-C<sub>4</sub>-alkyl, C<sub>1</sub>-C<sub>4</sub>-alkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl; represents C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>1</sub>-C<sub>4</sub>-haloalkylthio-C<sub>1</sub>-C<sub>4</sub>-alkyl or C<sub>1</sub>-C<sub>4</sub>-haloalkoxy-C<sub>1</sub>-C<sub>4</sub>-alkyl having in each case 1 to 5 halogen atoms; or represents phenyl.

Claim 21 (currently amended): A hexylcarboxanilide of formula (I) according to Claim 20 in which



- R<sup>1</sup> represents hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>4</sub>-C<sub>4</sub>-alkylsulphinyl, C<sub>4</sub>-C<sub>4</sub>-alkylsulphonyl, C<sub>4</sub>-C<sub>3</sub>-alkoxy-C<sub>4</sub>-C<sub>3</sub>-alkyl, or C<sub>3</sub>-C<sub>6</sub>-cycloalkyl; represents C<sub>1</sub>-C<sub>4</sub>-haloalkyl, C<sub>4</sub>-C<sub>4</sub>-haloalkylthio, C<sub>4</sub>-C<sub>4</sub>-haloalkylsulphinyl, C<sub>4</sub>-C<sub>4</sub>-haloalkylsulphonyl, halo-C<sub>4</sub>-C<sub>3</sub>-alkoxy-C<sub>4</sub>-C<sub>3</sub>-alkyl, or C<sub>3</sub>-C<sub>6</sub>-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; represents formyl, formyl-C<sub>4</sub>-C<sub>3</sub>-alkyl, (C<sub>4</sub>-C<sub>3</sub>-alkyl)carbonyl-C<sub>4</sub>-C<sub>3</sub>-alkyl, or (C<sub>4</sub>-C<sub>3</sub>-alkoxy)carbonyl-C<sub>4</sub>-C<sub>3</sub>-alkyl; represents halo-(C<sub>4</sub>-C<sub>3</sub>-alkyl)carbonyl-C<sub>4</sub>-C<sub>3</sub>-alkyl, halo-(C<sub>4</sub>-C<sub>3</sub>-alkoxy)carbonyl-C<sub>4</sub>-C<sub>3</sub>-alkyl having in each case 1 to 13 fluorine, chlorine, and/or bromine atoms; represents (C<sub>4</sub>-C<sub>6</sub>-alkyl)carbonyl, (C<sub>4</sub>-C<sub>4</sub>-alkoxy)carbonyl, (C<sub>4</sub>-C<sub>3</sub>-alkoxy-C<sub>4</sub>-C<sub>3</sub>-alkyl)-carbonyl, or (C<sub>3</sub>-C<sub>6</sub>-cycloalkyl)carbonyl; represents (C<sub>4</sub>-C<sub>4</sub>-haloalkyl)carbonyl, (C<sub>4</sub>-C<sub>4</sub>-haloalkoxy)carbonyl, (halo-C<sub>4</sub>-C<sub>3</sub>-alkoxy-C<sub>4</sub>-C<sub>3</sub>-alkyl)carbonyl, or (C<sub>3</sub>-C<sub>6</sub>-halocycloalkyl)carbonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms; or represents ~~C(=O)C(=O)R<sup>4</sup>, CONR<sup>5</sup>R<sup>6</sup>, or -CH<sub>2</sub>NR<sup>7</sup>R<sup>8</sup>~~;
- R<sup>2</sup> represents hydrogen, fluorine, chlorine, methyl, or trifluoromethyl,
- R<sup>3</sup> represents fluorine, chlorine, bromine, iodine, C<sub>1</sub>-C<sub>6</sub>-alkyl [,.] or C<sub>1</sub>-C<sub>6</sub>-haloalkyl having in each case 1 to 13 fluorine, chlorine, and/or bromine atoms, and

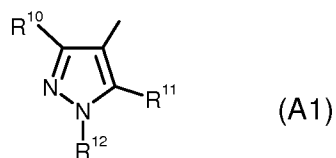
$R^4$  represents hydrogen,  $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_4$ -alkoxy,  $C_1$ - $C_3$ -alkoxy- $C_1$ - $C_3$ -alkyl, or  $C_3$ - $C_6$ -cycloalkyl; or represents  $C_1$ - $C_4$ -haloalkyl,  $C_1$ - $C_4$ -haloalkoxy, halo- $C_1$ - $C_3$ -alkoxy- $C_1$ - $C_3$ -alkyl, or  $C_3$ - $C_6$ -halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms,

$R^5$  and  $R^6$  independently of one another each represent hydrogen,  $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_3$ -alkoxy- $C_1$ - $C_3$ -alkyl, or  $C_3$ - $C_6$ -cycloalkyl; or represents  $C_1$ - $C_4$ -haloalkyl, halo- $C_1$ - $C_3$ -alkoxy- $C_1$ - $C_3$ -alkyl, or  $C_3$ - $C_6$ -halocycloalkyl having in each case having 1 to 9 fluorine, chlorine, and/or bromine atoms; or  $R^5$  and  $R^6$  together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 or 6 ring atoms that is optionally mono- to tetrasubstituted by identical or different substituents selected from the group consisting of halogen and  $C_1$ - $C_4$ -alkyl, where the heterocycle optionally contains 1 or 2 further non-adjacent heteroatoms selected from the group consisting of oxygen, sulphur, and  $NR^9$ ;

$R^7$  and  $R^8$  independently of one another each represent hydrogen,  $C_1$ - $C_6$ -alkyl, or  $C_3$ - $C_6$ -cycloalkyl; or represent  $C_1$ - $C_4$ -haloalkyl,  $C_3$ - $C_6$ -halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or  $R^7$  and  $R^8$  together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 or 6 ring atoms that is optionally mono- or poly-substituted by identical or different substituents selected from the group consisting of halogen and  $C_1$ - $C_4$ -alkyl, where the heterocycle optionally contains 1 or 2 further non-adjacent heteroatoms selected from the group consisting of oxygen, sulphur, and  $NR^9$ ;

$R^9$  represents hydrogen or  $C_1$ - $C_4$ -alkyl, and

A represents a radical of formula (A1)



in which

$R^{10}$  represents hydrogen, hydroxyl, formyl, cyano, fluorine, chlorine, bromine, methyl, ethyl, isopropyl, methoxy, ethoxy, methylthio, ethylthio, or cyclopropyl; represents  $C_1$ - $C_2$ -haloalkyl or  $C_1$ - $C_2$ -haloalkoxy having in each 1 to 5 fluorine, chlorine, and/or bromine atoms; or

represents trifluoromethylthio, difluoromethylthio, aminocarbonyl, aminocarbonylmethyl, or aminocarbonylethyl,

R<sup>11</sup> represents hydrogen, chlorine, bromine, iodine, methyl, ethyl, methoxy, ethoxy, methylthio, ethylthio, or C<sub>1</sub>-C<sub>2</sub>-haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms, and

R<sup>12</sup> represents hydrogen, methyl, ethyl, n-propyl, isopropyl, C<sub>1</sub>-C<sub>2</sub>-haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms, hydroxymethyl, hydroxyethyl, cyclopropyl, cyclopentyl, cyclohexyl, or phenyl.

Claims 22-23 (canceled)

Claim 24 (currently amended): A hexylcarboxanilide of formula (I) according to Claim 20 in which R<sup>1</sup> represents hydrogen ~~[[,]] formyl, or -C(=O)C(=O)R<sup>4</sup>, where R<sup>4</sup> is as defined for formula (I) in Claim 20 .~~

Claims 25-26 (canceled)

Claim 27 (previously presented): A hexylcarboxanilide of formula (I) according to Claim 20 in which R<sup>3</sup> represents C<sub>1</sub>-C<sub>8</sub>-alkyl.

Claim 28 (previously presented): A hexylcarboxanilide of formula (I) according to Claim 20 in which R<sup>3</sup> represents C<sub>1</sub>-C<sub>8</sub>-haloalkyl.

Claim 29 (canceled)

Claim 30 (previously presented): A composition comprising one or more hexylcarboxanilides of formula (I) according to Claim 20 and one or more extenders and/or surfactants.

Claim 31 (withdrawn): A method of controlling unwanted microorganisms comprising applying an effective amount of one or more hexylcarboxanilides of formula (I) according to Claim 20 to the microorganisms and/or their habitats.

Claims 32-37 (canceled)